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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/781,276	02/18/2004	David J. Stroh	GP-303616	2049
7590	11/02/2005		EXAMINER	
CHRISTOPHER DEVRIES General Motors Corporation Legal Staff, Mail Code 482-C23-B21 P.O. Box 300 Detroit, MI 48265-3000			HOANG, JOHNNY H	
			ART UNIT	PAPER NUMBER
			3747	
			DATE MAILED: 11/02/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/781,276	STROH, DAVID J.
	Examiner	Art Unit
	Johnny H. Hoang	3747

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 16 August 2005.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-33 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 02/18/04 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-33 are rejected under 35 U.S.C. 102(b) as being anticipated by Murakami et al (US 6,052,644).

Regarding claim 1, the reference of Murakami et al discloses a speed control device which including:

a pedal sensor that generates a pedal device position signal (col. 14, lines 14-35);

an adjusted pedal module that determines an adjusted pedal based on said pedal device position signal and a vehicle speed (col. 14, lines 36-47); and

an engine torque request module that determines an engine torque request based on said adjusted pedal and an engine speed (col. 14, lines 48-65).

Regarding claim 2, the reference of Murakami et al further teaches an engine control device (41) composed an engine controller (41) (col. 15, lines 36-53).

Regarding claim 3, the reference of Murakami et al further teaches an output shaft speed sensor that generates an output shaft speed signal, wherein said output shaft speed signal is indicative of a rotational speed of an output shaft of a transmission that is driven by said engine (col. 1, lines 51-65).

Regarding claims 4, and 9, as discussed in claims 1-3.

Regarding claims 5-8, as above discussions and the reference of Murakami et al further teaches the engine controller (41) calculates the fuel injection amount equivalent to the stroke amount, and at the same time, calculates the fuel injection timing suited to the engine speed at that

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time to output a fuel injection amount signal and a fuel injection timing signal to the fuel injection amount control solenoid valve (42) and the fuel injection timing control solenoid valve (43) (as discussed in claim 2, and see the specification of Murakami et al for more details).

Claims 10-17 are rejected the same reasons of claims 1-9.

The method of claims 18-25 is rejected the same reason as claims 1-9.

Regarding claims 26-33, as above discussions.

Response to Arguments

3. Applicant's arguments filed August 16, 2005 have been fully considered but are moot in view of the new ground(s) of rejection. ***Claims 1-33 are pending.***

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure

Collonia (US 4,301,883).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Johnny H. Hoang whose telephone number is (571) 272-4843. The examiner can normally be reached on Monday - Thursday (7:00Am-5: 30Pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Henry Yuen can be reached on (571) 272-4856.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JHH
October 24, 2005

Johnny H. Hoang
Examiner
Art Unit 3747

Tony Argent
Tony M. Argenbright
Primary Examiner
Art Unit 3747